

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims

1. - 2. (Cancelled)

3. (Currently Amended) A method as recited in claim 22 ~~claim 2~~, further comprising:

receiving video data from the multimedia source device ~~video source~~;

packetizing the video data to form a packetized video data stream formed of a number of video data packets;

passing the video data packets by way of the unidirectional main link ~~selected ones of the communication channels from the multimedia source device to the multimedia sink device~~ ~~video source to the video display~~;

depacketizing the video data packets at the ~~video display~~ multimedia sink device; and
generating a displayable image based upon the depacketized video data.

4. (Currently Amended) The method of claim 3, further comprising:
encoding video data from the ~~video source~~ multimedia source device from an 8-bit format to a 10-bit format;
transmitting the encoded video data from the ~~video source~~ multimedia source device to the ~~video display~~ multimedia sink device;
converting the encoded video data from the 10-bit format to the 8-bit format at the ~~display~~ multimedia sink device and
providing the data to the ~~video display~~ multimedia sink device in the 8-bit format.

5. (Currently Amended) The method of claim 4, wherein the ~~communication channel is formed of a~~ unidirectional main link ~~hasving~~ an associated main link data rate and ~~wherein a the~~ auxiliary link ~~hasving~~ an auxiliary link data rate.

6. (Original) The method as recited in claim 5, wherein the source video data is pixel data provided at a native clock rate, wherein the pixel data is transmitted at the link data rate that is different than the native clock rate.

7. (Original) The method as recited in claim 6, wherein the main link data is encoded using 8B/10B encoding and wherein the auxiliary link data is encoded using Manchester II encoding.

8. – 20. (Cancelled)

New Claims

21. (New) A method of coupling a multimedia source device to a multimedia sink device, comprising:

providing a signal cable comprising a bi-directional auxiliary channel arranged to transfer information between the multimedia source device and the multimedia sink device and a unidirectional main link arranged to transport multimedia data packets from the multimedia source device to the multimedia sink device wherein neither the bi-directional auxiliary channel nor the unidirectional main link includes a clock signal line;

coupling the multimedia sink device to the multimedia source device by way of the signal cable; and

disabling the bi-directional auxiliary channel when either one or both the multimedia source device or the multimedia sink device are determined to be analog in nature.

22. (New) A method as recited in claim 1, further comprising:
using multimedia sink device identification data and multimedia source device identification data retrieved from the multimedia sink device and the multimedia source device, respectively, by way of the bi-directional auxiliary channel to determine the analog nature of the multimedia sink device and the multimedia source device.